

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Kazunari HASEBE

Application No.: 10/584,399

Confirmation No.: 9222

Filed: June 4, 2007

Art Unit: 3739

For: HEATING TYPE BALLOON CATHETER  
DEVICE, AND ELASTIC TUBE DEVICE AND  
VIBRATOR DEVICE FOR THE CATHETER  
DEVICE

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Examiner: Jaymi E. Della

**AMENDMENT UNDER 37 CFR 1.111**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Action mailed April 28, 2011, and the Advisory Action dated September 9, 2011, and prior to action on the Request for Continued Examination filed concurrently herewith, applicant respectfully requests consideration of the following claim amendments and remarks.

**Amendments to the claims** begin on page 2.

**Remarks** begin on page 6.